Electronic Medical Education

U N I V E R S I T Y O F U T A H

CENTER

The goal of this Center has been to commercialize visual annotation and knowledge representation software technology for use by physicians and scientists in image intensive fields. Key target markets have been: 1) Telemedicine and remote consultation, 2) Electronic medical records (EMR), specifically collection of expert knowledge and annotation of visual data as part of the clinical workflow, and 3) Biomedical/biotechnology imaging informatics annotation and knowledge representation.

TECHNOLOGY

CEME technology provides clinicians and basic scientists with knowledge representation tools built on the need to visually annotate (identify and label) images and add expert clinical knowledge (e.g., diagnosis, pathology report, or clinical note) to image data in the healthcare enterprise. The technology enables consultation and sharing of results at each stage of the clinical management of a patient, research or clinical study, and provides a mechanism to track multiple images and textual results in real time. CEME technology can either be integrated into existing imaging systems as a layer that facilitates communication, or exist as a standalone application in a research or healthcare enterprise.

ACCOMPLISHMENTS

CEME has leveraged its impressive 7 issued patents through the formation of two spinout companies that together already boast a seven-figure payroll: AMIRSYS, Inc., a producer of electronic medical reference material, and Global Matics, Inc., a service-based company managing information using images. The Center now has an MOU and Teaming Agreement to get CEME technology into Battlefield Telemedicine.

THINK TANK

What if there was...

A way to visually annotate images, share and discuss them in real time with colleagues throughout the world???

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